Amendments to the Claims:
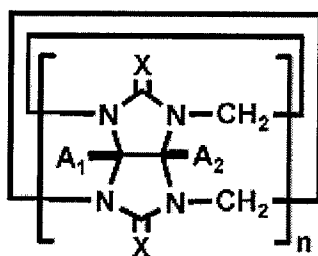
The following listing of claims replaces and supersedes all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) Nanoparticles prepared by the aggregation of cucurbituril derivatives of Formula 1 below and having a particle size of [[1]] 10 to 1,000 nm:

$$
\left[\begin{array}{c} \overset{X}{\underset{}{\parallel}} \\ -N \overset{}{\diagdown} N-CH_2- \\ A_1 \diagdown \diagup A_2 \\ -N \diagup \diagdown N-CH_2- \\ \underset{}{\underset{X}{\parallel}} \end{array}\right]_n
$$

$$(1)$$

wherein X is O, S, or NH;

A_1 and A_2 are respectively OR^1 and OR^2, SR^1 and SR^2, or NHR^1 and NHR^2;

R^1 and R^2 are each independently selected from the group consisting of hydrogen, a substituted or unsubstituted alkyl of C_1-C_{30}, a substituted or unsubstituted alkenyl of C_2-C_{30}, a substituted or unsubstituted alkynyl of C_2-C_{30}, a substituted or unsubstituted carbonylalkyl of C_2-C_{30}, a substituted or unsubstituted thioalkyl of C_1-C_{30}, a substituted or unsubstituted alkylthiol of C_1-C_{30}, a substituted or unsubstituted alkoxy of C_1-C_{30}, a substituted or unsubstituted hydroxyalkyl of C_1-C_{30}, a substituted or unsubstituted alkylsilyl of C_1-C_{30}, a substituted or unsubstituted aminoalkyl of C_1-C_{30}, a substituted or unsubstituted aminoalkylthioalkyl of C_1-C_{30}, a substituted or unsubstituted cycloalkyl of C_5-C_{30}, a substituted or unsubstituted heterocycloalkyl of C_2-C_{30}, a substituted or unsubstituted aryl of C_6-C_{30}, a substituted or unsubstituted arylalkyl

of C_6-C_{20}, a substituted or unsubstituted heteroaryl of C_4-C_{30}, and a substituted or unsubstituted heteroarylalkyl of C_4-C_{20}; and

n is an integer of 4 to 20.

2. (Original) The nanoparticles of claim 1 prepared by the aggregation of a biodegradable polymer in addition to the cucurbituril derivatives.

3. (Original) The nanoparticles of claim 2, wherein the biodegradable polymer is poly(lactide-co-glycolide) (PLGA), polyethyleneglycol (PEG), poly(alkylcyanoacrylate), poly-ε-caprolactone, cellulose derivative, albumin, gelatin, alginate, or a mixture thereof.

4. (Previously presented) A pharmaceutical composition in which a pharmaceutically active substance as a guest molecule is loaded into the nanoparticles of claim 1.

5. (Canceled)

6. (Previously presented) The pharmaceutical composition of claim 4, wherein said pharmaceutically active substance is hydrocortisone, prednisolone, spironolactone, testosterone, megesterol acetate, danasole, progesterone, indomethacin, amphotericin B, or a mixture thereof.

7. (Previously presented) The pharmaceutical composition of claim 4, wherein said pharmaceutically active substance is human growth hormone, G-CSF (granulocyte colony-stimulating factor), GM-CSF (granulocyte-macrophage colony-stimulating factor), erythropoietin, vaccine, antibody, insulin, glucagon, calcitonin, ACTH (adrenocorticotropic hormone), somatostatin, somatotropin, somatomedin, parathyroid hormone, thyroid hormone, hypothalamus secretion, prolactin, endorphin, VEGF (vascular endothelial growth factor), enkephalin, vasopressin, nerve growth factor, non-naturally occurring opioid, interferon,

asparaginase, alginase, superoxide dismutase, trypsin, chymotrypsin, pepsin, or a mixture thereof.

8-12. (Canceled).